

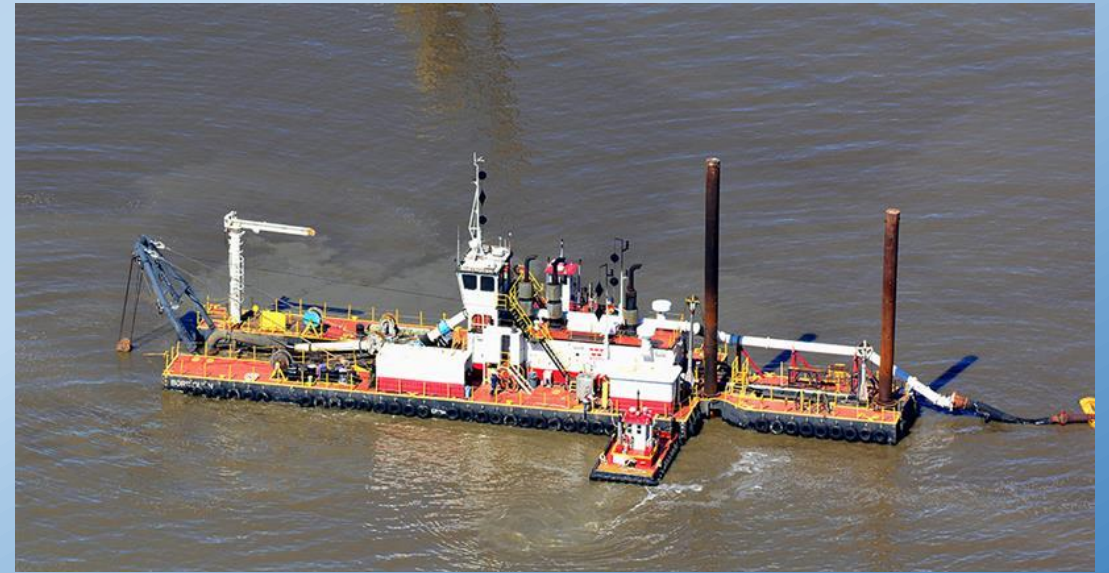
Topsail Local SDR

Engineer - TI Coastal Services
Contractor - Weeks Marine, Inc.

30" Dredge "JS Chatry"



24" Dredge Borinquen



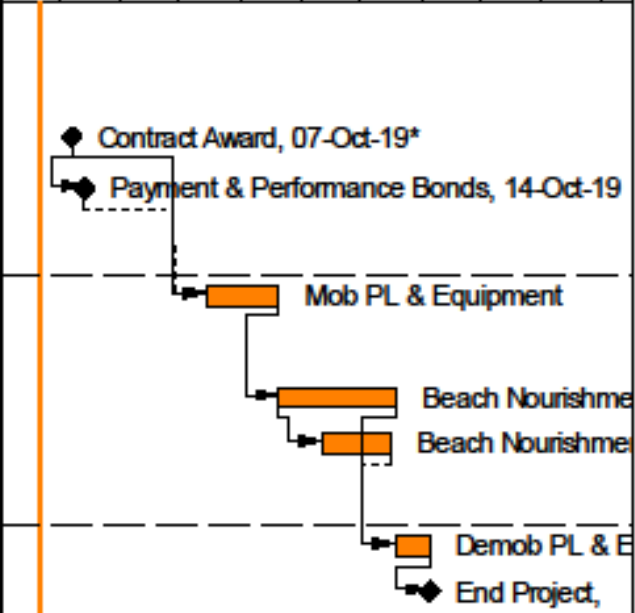
Weeks Marine, Inc.

- Founded in 1919
- Began Dredging Operations in 1950
- Is the Largest Marine Construction Company in the US
- Is the Second Largest Dredging Company in the US
- “JS Chatry” is the Newest Dredge in US Fleet and is the 2nd Largest.
- Routinely Complete Major Nourishment Projects in NC
(Carolina Beach, Kure Beach, Wrightsville Beach)

Dredge Plan



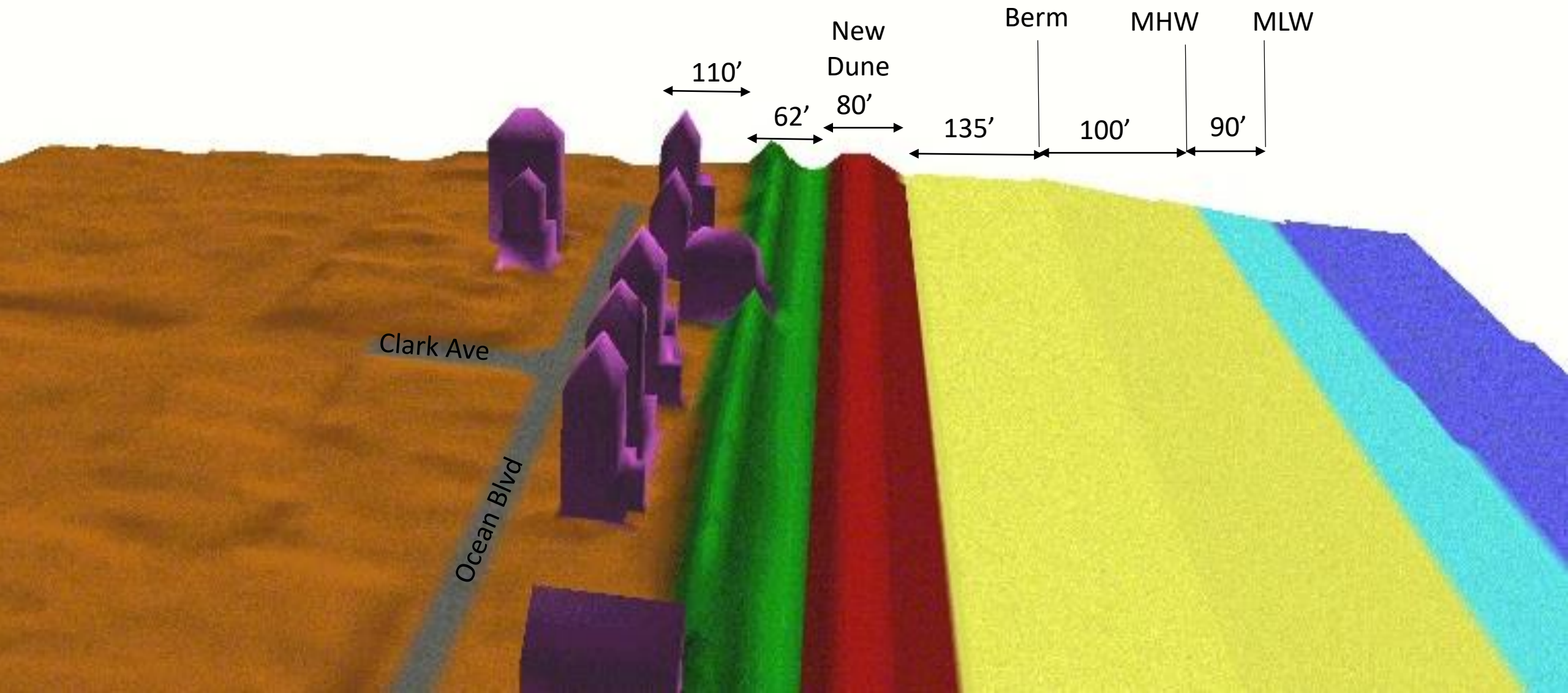
Activity ID	Activity Name	OD	Start	Finish	2019 2020											
					2019				2020							
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
Topsail Beach		182d	07-Oct-19	06-Apr-20												
Administration		7d	07-Oct-19	14-Oct-19												
A1000	Contract Award	0d	07-Oct-19*													
A0003	Payment & Performance Bonds	0d	14-Oct-19													
Mobilization		36d	15-Dec-19	20-Jan-20												
A0001a	Mob PL & Equipment	36d	15-Dec-19	20-Jan-20												
Dredging		60d	20-Jan-20	20-Mar-20												
A0002a	Beach Nourishment (JS Chatry)	60d	20-Jan-20	20-Mar-20												
A0002b	Beach Nourishment (Borinquen)	35d	11-Feb-20	17-Mar-20												
Demobilization		17d	20-Mar-20	06-Apr-20												
A0001b	Demob PL & Equipment	17d	20-Mar-20	06-Apr-20												
A2000	End Project	0d		06-Apr-20												



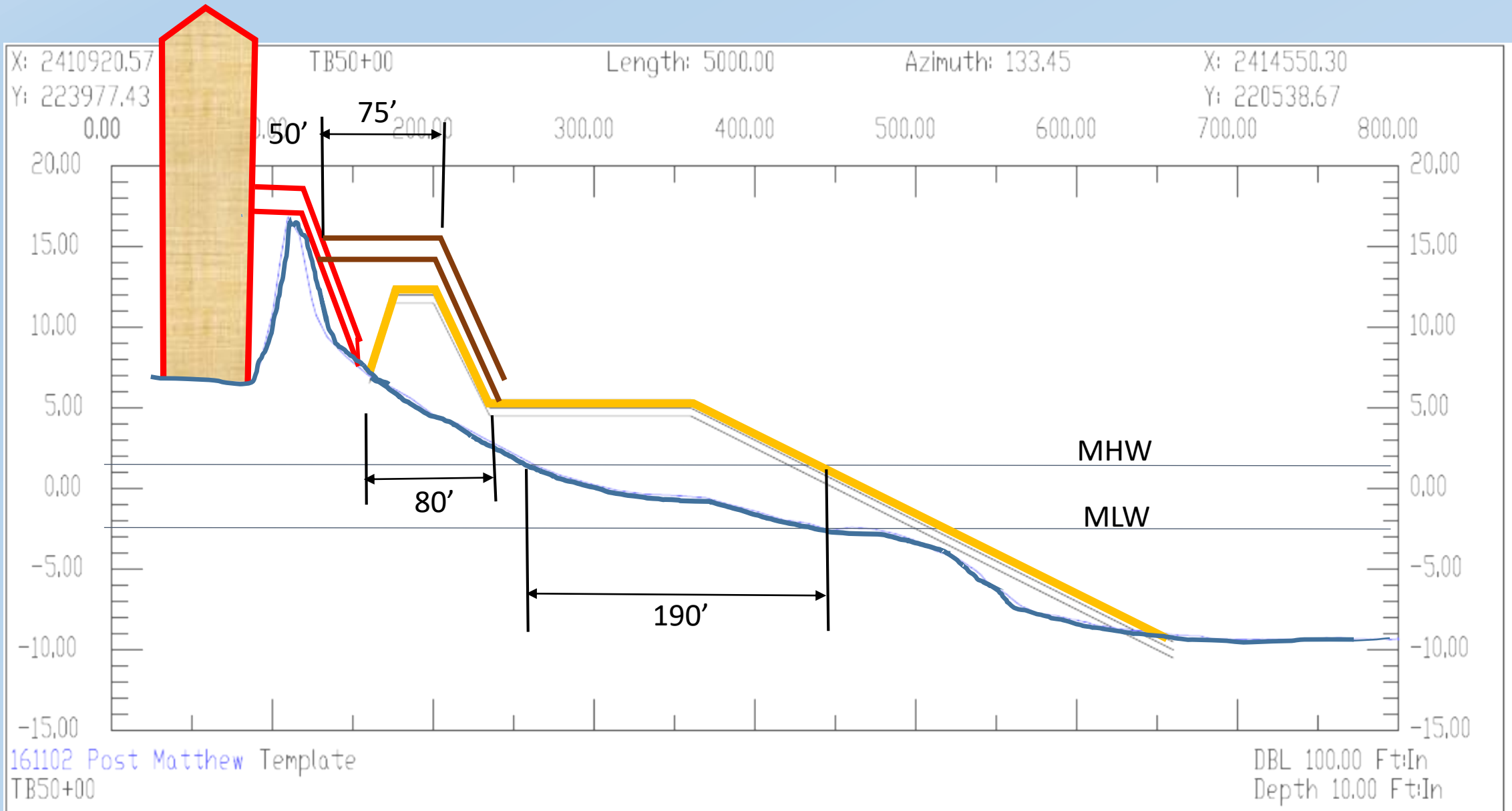
Most Recent Schedule

- Will Begin Drum Street Crossing Work the Week After Thanksgiving
- Will Begin Laying Submerged Line for “JS Chatry” on December 20
- “JS Chatry” to Begin Filling North End January 20
- “Borinquin” to Begin Filling Drum St to Jolly Roger February 15.

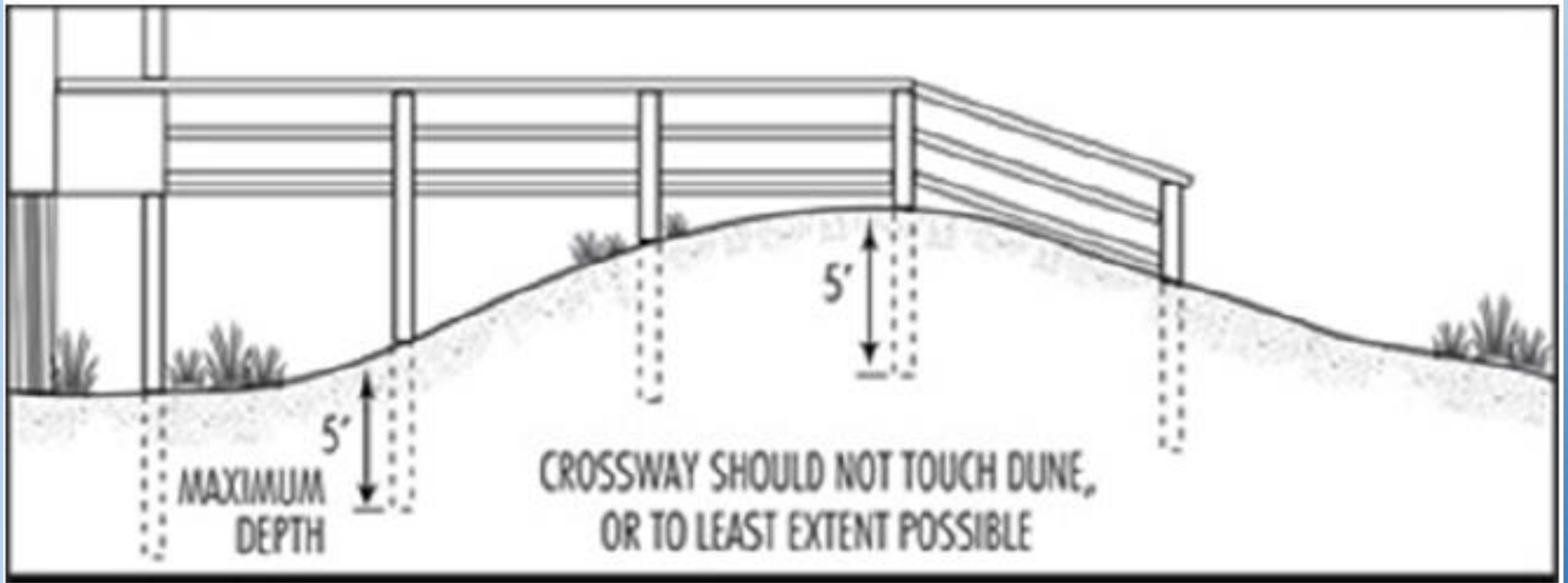
Typical Beach Design 1300-1500 Ocean Blvd



Typical Section 1300 Block Ocean Blvd



To ensure that the dune system is not damaged when a walkway is built, you must follow the following guidelines in addition to the general use standards for the ocean hazard AEC {15A NCAC 7H .0308}:



Walkways must be for pedestrian use only.

Walkways must be no wider than 6 feet.

Walkways should be elevated to allow dunes to adjust naturally to wind and wave forces, maintaining the stability of the protective dune system.

Walkways must be on posts or pilings embedded to a depth of 5 feet or less, so that when possible, only the posts – not the walkway itself – touch the frontal dune.

Walkways may touch the dune only to the extent necessary.

Walkways won't be allowed if they weaken the dune's protection against flooding and erosion

Any vegetation disturbed in the construction of a walkway must be replanted as quickly as possible.

Dune Planting

Intention is to plant the dunes this spring.

Spacing will 18" between plants

Will cover entire New Dune

Will cover any Dune Restoration

Approximately 750,000 plants



Communication Plan

Once Weeks Marine is onsite there will be a WEEKLY Progress Meeting

Progress Maps will be submitted to the Town each week to be posted on the Town's website.

Public Updates & Q & A will be done at the monthly BIS Meetings.